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REMARKS

Applicants have amended the dependency of the claims to preclude a rejection under 35 U.S.C. § 112, fifth paragraph, which provides in part that "[a] multiple dependent claim shall not serve as a basis for any other multiple dependent claim." No new matter has been added by the above amendment.

Attached is a marked-up version of the changes being made by the current amendment.

Claims 1-18 and 21-38 are now pending. Prompt examination of the present application, as amended, is respectfully requested. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

12-4-01 Date:

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Version with markings to show changes made

In the claims:

Claims 19 and 20 have been cancelled.

Claims 3-5, 8-17, 23-25, 30, 36-38 have been amended as follows:

- 3. (Amended) An immunomodulator according to claim 1 [or claim 2], wherein the T-cell receptor binding site, or at least a part thereof, of the antigen-presenting- cell (APC) targeting molecule has been modified by substitution or addition.
- 4. (Amended) An immunomodulator according to claim 1 [or claim 2], wherein the T-cell binding site of the antigen-presenting cell (APC) targeting molecule has been deleted.
- 5. (Amended) An immunomodulator according to [any one of claims 1 to 3] <u>claim</u> 1, wherein the antigen-presenting cell (APC) targeting molecule is derived from *Staphylococcus aureus* and/or *Streptococcus pyogenes*.
- 8. (Amended) An immunomodulator according to claim 6 [or claim 7], wherein the antigen-presenting cell (APC) targeting molecule is designated SPEC-Y15A R181Q.
- 9. (Amended) An immunomodulator according to [any one of claims 6 to 8] <u>claim</u> 6, wherein the antigen-presenting cell (APC) targeting molecule is designated SPEC-Y15A.C27S.N79C.R181Q.
- 10. (Amended) An immunomodulator according to [any one of claims 1 to 9] <u>claim</u> 1, wherein the antigen-presenting- cell (APC) targeting molecule is coupled reversibly to an immunomodulatory antigen.
- 11. (Amended) An immunomodulator according to [any one of claims 1 to 10] <u>claim</u>
 1, wherein the immunomodulatory antigen is a protein, a polypeptide and/or a peptide.

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12. (Amended) An immunomodulator according to [any one of claims 1 to 10] claim 1, wherein the immunomodulatory antigen is a nucleic acid.

- (Amended) An immunomodulator according to [any one of claims I to 12] claim 13. 1, wherein the immunomodulatory antigen is non-immunogenic when not coupled to the antigen-presenting cell (APC) targeting molecule.
- (Amended) An immunomodulator according to [claim any one of claims 4 or 10 14. to 13] claim 4, wherein the antigen-presenting cell (APC) targeting molecule is SPEC (-20-90).
- 15. (Amended) Pharmaceutical composition comprising an immunomodulator according to Jany one of claims 1 to 14] claim 1 and a pharmaceutically acceptable carrier, adjuvant, excipient and/or solvent.
- 16. (Amended) Vaccine comprising an immunomodulator according to [any one of claims 1 to 14] claim 1.
- 17. (Amended) Method of therapeutic or prophylactic treatment of a disorder which requires the induction or stimulation of the immune system, comprising the administration to a subject requiring such treatment of an immunomodulator according to [any one of claims 1 to 14, of a pharmaceutical composition according to claim 15 or of a vaccine according to claim 16] claim 1.
- 19. (Cancelled) Use of an immunomodulator according to any one of claims 1 to 14 for the preparation of a medicament for the therapeutic or prophylactic treatment of a disorder which requires the induction or stimulation of the immune system.

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- 20. (Cancelled) Use according to claim 19, wherein the disorder is selected from the group consisting of bacterial, viral, fungal or parasitic infection, autoimmunity, allergy and/or pre-neoplastic or neoplastic transformation.
- 23. (Amended) A method according to claim 21 [or claim 22], wherein the antigen-presenting cell (APC) targeting molecule is SPE-C Y15A R181Q.
- (Amended) A method according to [any one of claims 21 to 23] claim 21, 24. wherein the antigen-presenting cell (APC) targeting molecule is designated SPEC-Y15A.C27S.N79C.R181Q.
- 25. (Amended) A method according to claim 21 [or claim 22], wherein the antigen-presenting cell (APC) targeting molecule is SPEC (-20-90).
- 30. (Amended) A method according to [any one of claims 26 to 29] claim 26, wherein the antigen-presenting cell (APC) targeting molecule is derived from Staphylococcus aureus and/or Streptococcus pyogenes.
- (Amended) A method according to [any one of claims 26 to 29] claim 26, wherein the antigen-presenting- cell (APC) targeting molecule is coupled reversibly to said compound.
- 37. (Amended) A method according to [any one of claims 26 to 29] claim 26, wherein the compound is selected from the group consisting of a protein, a polypeptide and/or a peptide, a carbohydrate or a nucleic acid.
- 38. (Amended) A method according to [any one of claims 26 to 29] claim 26, wherein the compound is non-immunogenic when not coupled to the antigen-presenting cell (APC) targeting molecule.